



BATES COLLEGE, JOHN M. GOOGIN'S ALMA MATER recently bestowed the honorary degree of doctor of science on the Y-12er. He is seen above receiving the plaudits of the Maine school, and the colors of the degree.

John M. Googin Doctor of Science

Bates College, Lewiston, Maine, recently bestowed an honorary degree on Y-12's John M. Googin . . . the degree of doctor of science.

Also receiving honorary degrees along with Googin were Mary Joy Tibbetts, ambassador to Norway; Robert E. L. Stridger, Maine College president; Nils Y. Wessell, former president of Tufts University and president of the Alfred P. Sloan Foundation; and George H. Ellis, president of the Federal Reserve Bank of Boston.

Googin's citation read as follows:

"Mr. President, I am honored to present John Melvin Googin, of the class of 1944.

"When John Googin began his professional career as a scientist at the Oak Ridge Atomic Energy Plant immediately following graduation from Bates, the world had yet to be taught the awesome dimensions of the elemental forces which there, in Tennessee, had been engineered to the controlled purposes of war. Now a quarter century later, the terrible energies of the atom continue to haunt our political and military decisions; but they promise also to be our best hope for the achievement of the enormous power that our densely peopled world have if it is to prosper and prevail. To this scientific story of our century and of the future—a store which, like all great tales told of men, is both tragic and grandly ennobling—Mr. Googin has made significant contributions.

"A Chemistry major at this college, and elected both to Phi Beta Kappa and the College Club, John Googin received his doctorate in Physical Chemistry at the University of Tennessee in 1953. He now holds the position of head chemist of the nuclear development division of the Union Carbide Company in Oak Ridge. His work, which has reached his professional public in the form of more than 20 patents and many publications, has most recently been recognized by a special citation from the Atomic Energy Commission, which particularly praised his remarkable ability to coordinate the arcane conclusions of pure research with the practical necessities of engineering.

"For his many contributions to the advancement of scientific knowledge, and for his continuing efforts to translate that knowledge into meaningful process and helpful device, I am honored to present to the President of his college, John Melvin Googin, for the honorary degree, Doctor of Science."

Fabrication To Promote 14 July 1

The Fabrication Division announces the promotion of 14 men to foremen, effective July 1. Of these, seven will be reported with this issue of The Bulletin, the remaining will be announced next week.

Clarence H. Arden, a native of Lenoir City, presently lives in Knoxville at 2514 Underwood Place.

He attended Stair Tech, before serving in the United States Navy from 1946 until 1947. From 1947 until 1952 he was with the Vineyard Metal Craft Corporation, Detroit; from 1952 until 1953 he worked with General Shale, Knoxville, and was with the Locke Plumbing and Heating Company, Knoxville, before coming here. He worked with Combustion Engineering, Chattanooga, between two stints in Y-12, and March 10, 1962 is his continuous service date.

Mrs. Arden is the former Ina Reagan and the couple has five children . . . Paul, with the Air Force in Florida; Patricia Eastridge, Joliet, Illinois; and Clarence, Sandra, Linda and Donna Sue at home.

An ardent fisherman, Arden says he missed only two Saturdays in 1967 on the lake.

JAMES N. BREWER

James N. Brewer, born in Ayersville, Georgia, lives at 104 Phillips Lane, Oak Ridge.

He trained at the Letourneau Company of Georgia, at Toccoa, and served in the U.S. Army Air Corps from 1942 until 1946. Prior to that time he worked with Western Union, Spartanburg, South Carolina; and after his service years went with the R. G. Letourneau Company, Inc., Longview, Texas. He came to Y-12 April 18, 1951.

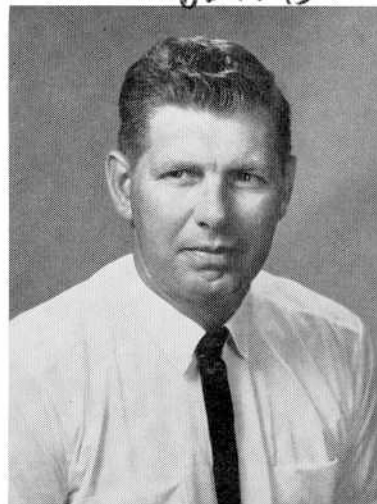
The Brewers have three children . . . Marilyn Snodgrass, Zion, Illinois; and Esther, in junior high, and James D. Brewer, in Oak Ridge High School. Brewer is a sports fan, particularly keen on auto racing (watching it, he says, and not participating in it.)

CLARENCE E. FORESTER

Clarence E. Forester, a native of Knoxville, lives on his 200-acre farm near Loudon, at Route 1. He served in the U.S. Air Force from 1943 until 1946. Prior to entering the service he worked with Fulton Saylor, Knoxville; and with the Naval Torpedo Plant, Alexandria, Virginia. He worked briefly in Y-12 from 1948 until 1949 . . . and was with the Tennessee Tool and Die Company from 1947 until 1948. He farmed in

SAFETY SCOREBOARD

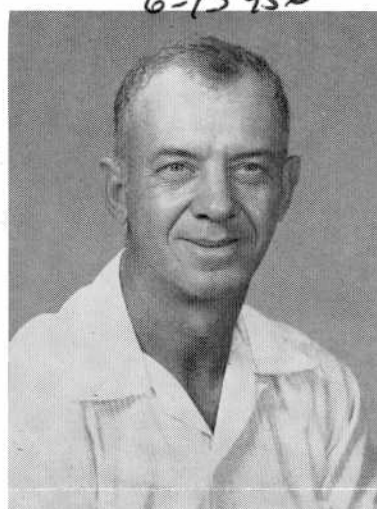
The Y-12 Plant Has
Operated
86 Days Or
2,534,000 Man-Hours
(Unofficial Estimate)
Through June 16
Without a Disabling
Injury
Safety At Home
At Work, At Play



Clarence H. Arden
6-13952



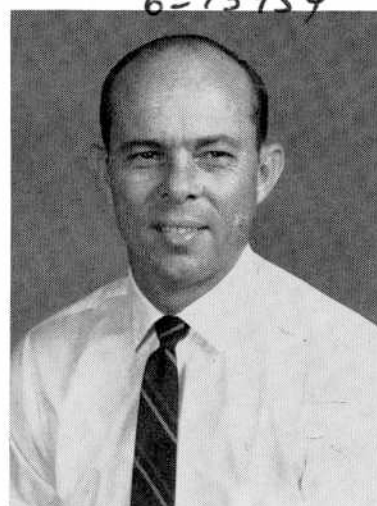
James N. Brewer
6-13953



Clarence E. Forester
6-13954



Chester R. Kennedy
6-13953



Billie McGregor



Robert J. Ratledge
6-13951

Knoxville, and worked with Kaighin and Hughes before returning to Y-12 February 25, 1955.

A bachelor, Forester raises Poled Hereford cattle on his farm, where he also enjoys fishing and hunting.

He is a graduate of Powell High School and also attended Stair Tech.

CHESTER R. KENNEDY

Chester R. Kennedy, was born in Deer Lodge, near Sunbright. He still lives near Deer Lodge.

From 1948 until 1951 he worked with the Glenvale Products Corporation, Detroit; and from 1951 until 1952 with Mills Bakery, there. From 1952 until 1954 he was in the U.S. Army, serving with the 82nd Airborne Division.

He came to Y-12 April 7, 1954.

During his spare time, Kennedy devotes a lot of time to watch and clock repairing, a favorite hobby of his.

Mrs. Kennedy is the former Natalie Harlan. They have two



Jack L. Williams

children Donna and Chester in school in Deer Lodge.

BILLIE MCGREGOR

Billie McGregor was born in Vasper in upper Campbell County. He lives now at 109 Jersey

Continued on Page 4

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

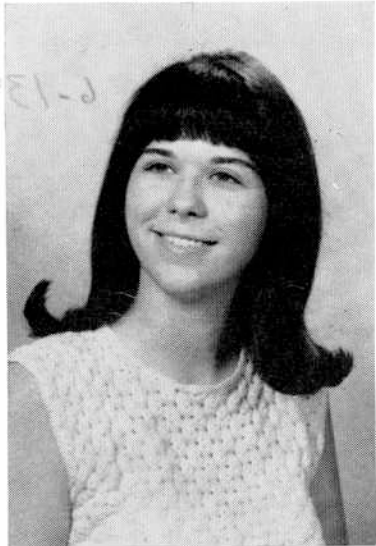


American Association Industrial Editors

OFFICE

Post Office Box Y
Oak Ridge, Tenn. 37830
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Wanda Ensor Pens Wide-Spread Article



Wanda Ensor

A little story Wanda Ensor wrapped up for the Oak Ridger back in the Winter is making the rounds.

Wanda, daughter of Mr. and Mrs. N. L. Ensor, 138 Marietta Circle, serves as a parttime assistant to the woman's editor at the local press. She dreamed up an article on Steady Dating in high school, the Associated Press put it on the wires . . . and newspapers in such varied places as Bradenton, Florida; Scranton, Pennsylvania; Greenville, North Carolina; Elmer, Michigan; and Longmont, Colorado have used the interesting story.

Wanda, whose father is in the Biology Division in Y-12, is a senior in Oak Ridge High School, where she is editor of the Oak Leaf in the Oak Ridger; a member of the National Honor Society, and the Quill and Scroll (journalism honor society), and a member of the Student Council.

There are two other Ensor children . . . Faye Mills, in Brindisi, Italy, a nurse who is with her husband in the U. S. Air Force; and Noah Jr., who will graduate from Y-12's TAT program in July.

Going steady? 'Don't tie yourself down too soon,' says Wanda. 'Many of the girls who are going steady stated definitely that they would not recommend it for a young friend who has never made such a commitment.'

Wanda plans to continue her studies in journalism this fall at Middle Tennessee State University, Murfreesboro.

NO NICKEL SHORTAGE

While there's a tight nickel supply in the United States, nickel is currently king of Australian mining. Major corporations are racing to establish operations in Western Australia, an area geologically similar to Canada and South Africa, both leading nickel producers.



Judy Elaine Thompson

Judy Thompson Is Girls State Choice

Judy Elaine Thompson has been chosen to represent Lenoir City High School as Girls' State Representative. This honor comes as the faculty chooses students on character, leadership, scholastic ratings, etc. A clinic was set at Middle Tennessee State University, May 26 through June 1.

Judy is a junior at Lenoir City where she is active in the Future Teachers of America, Future Homemakers of America, Math Club, Literary Club, French Club I and Treasurer of the Band.

The Thompson family lives at Antioch Church Road, Lenoir City. Judy's mother, Mrs. Rubye M. Thompson is in the Biology Division.



One member of a car pool wanted from Hillside, Hilltop area, Oak Ridge, to West Portal, straight day. Arnold Agee, plant phone 3-5026.

Ride wanted from 101 West Vanderbilt, Oak Ridge, to Biology Portal, straight day. D. L. Mason, plant phone 3-5415, home phone Oak Ridge 483-6441.

ETCH Drive Response Excellent!

The East Tennessee Children's Hospital Drive in Y-12, at its half-way mark, reports excellent response.

"It really looks good," B. W. Hensley stated. "We have no figures totaled yet, but the response has been tremendous. A pipefitter and a machinist have contributed checks of \$100 each!" Hensley is co-chairing the drive in Y-12, actively soliciting hourly-paid employees in the plant.

Jim Warner, who is responsible for the drive among salaried employees, reports a \$34,604.25 total already collected from about three-quarters of the plant's population of monthly and weekly salaried employees. With 74 per cent of the reports in, employees are averaging more than \$21 each in contributions.

Payroll deductions are being allowed for the last six months of 1968.

Both Warner and Hensley expect to round up the remaining cards in the plant next week and provide final figures.

Warner, Superintendent of Product Engineering, appointed representatives from each division in the plant, to assist in soliciting the funds. Hensley, representing the Atomic Trades and Labor Council, set up a steering committee which consisted of J. A. Lane, J. H. Key, C. F. Jenkins, J. V. Welch and F. E. Clevenger. In addition to this committee, the chief stewards acted as solicitors throughout the plant.

ETCH, when completed will serve a 17-county area surrounding Knoxville. The building fund, expected to require \$3 million, is at about the half-way mark.

Fund officials, as well as the Y-12 drive heads, emphasized that the hospital was strictly a 'grass-roots' venture . . . that funds are coming from the working man in the street.

Employees can assist solicitors and Fund folks by turning in those cards that are still outstanding.

It's a worthy cause . . . providing brick for the needed hospital.

As the poster says, "If You Love Them, Help Them!"

Careful what you say — the wrong person could hear you.

6-13950



ROY D. WILLIAMS, SUPERINTENDENT of Metal Preparation, receives a watch and certificate attesting to his 25-years with Union Carbide Corporation. May 8 marked his Silver Anniversary with the company. He is congratulated above by Jack M. Case, left, Y-12 Deputy Plant Superintendent.



STAFF SGT. JAMES E. BAZEL is cited for meritorious service in Vietnam . . . serving there from January 1 through December 25 of last year. Sgt. Bazel is the son of Mrs. Lennie Eskridge, Maintenance Division.

Y-12er's Son Honored For Year's Service In Vietnam Prior To Retirement

Staff Sergeant James E. Bazel was recently cited for meritorious service in Vietnam.

Sgt. Bazel is the son of Mrs. Lennie Eskridge, Maintenance Division. He is currently stationed at Dayton, Ohio, after serving from January 1 through December 25, 1967 in Southeast Asia.

His citation reads:

"Staff Sergeant James E. Bazel distinguished himself by meritorious service as a pastry baker, Cam Ranh Bay Air Base, Republic of Vietnam from 1 January 1967 to 25 December 1967. During this period, Sergeant Bazel's outstanding professional skill and initiative aided immeasurably in providing outstanding pastry products, and solving numerous problems encountered in the accomplishment of his duties. The energetic application of his knowledge has played a significant role in contributing to the success of the United States Air Force mission in Southeast Asia. The distinctive accomplishments of Sergeant Bazel reflect credit upon himself and the United States Air Force." The citation accompanied the Award of the Air Force Commendation Medal.

Sgt. Bazel has nine more months to serve to round out 20 years of service. He hopes to retire to his Harriman home where his wife, the former Norma Moseley resides with their four children.

Physics Division Lecture Series

Special Physics Division lectures are announced for next week for interested parties. They all will be held in the East Auditorium of ORNL's 4500 building and are as follows:

Tuesday, June 25, 10:30 a.m. "A Nuclear View of Stellar Evolution—1" James W. Truran, Yeshiva University, New York.

Wednesday, June 26, 10:30 a.m. "A Nuclear View of Stellar Evolution—2" same speaker.

Thursday, June 27, 10:30 a.m. "A Nuclear View of Stellar Evolution—3" same speaker.

Friday, June 28, 10:30 a.m. "A Nuclear View of Stellar Evolution—4" and "Formation of ⁵⁶Ni in Supernova Shock Waves," at 3:15 p.m.

GOOD EXCUSE

A teacher received a note from a parent which read, "Please excuse Timmy from Spanish today. His throat is so sore he can hardly speak English."

Mrs. Eskridge has another son Richard serving in the Air Force. He is stationed in Germany and the Eskridges visited there last summer. Richard Bazel has completed 15 years of service.

The servicemen's father Ed Bazel is remembered as a former Y-12er.

Volunteer Help Needed In Summer

Looking for something to do that's worthwhile during the summer? One of Oak Ridge's most active volunteer organizations, Recording for the Blind, is looking for help. They welcome summer participants and student employees to help record textbooks for the blind.

Both readers and monitors are needed to take up the slack left by regular Oak Ridge volunteers now on vacation. Only an hour and a half per week per volunteer are asked for at the air-conditioned studios on Cheyenne Hall, Tyrone Road. Call Oak Ridge 483-6977, between 9 a.m. and 3:30 p.m. week-days or 7 p.m. to 10 p.m. Monday through Thursday evenings to learn more about RFB.

You may not have the dulcet tones of another Alexander Scourby, but your voice may still be used . . . or your services utilized as a monitor.

June Target: Off-Job Accidents

DRIVE DEFENSIVELY.
LIKE YOUR LIFE
DEPENDS ON IT.
IT DOES.



Published to save lives in cooperation with
The Advertising Council and the National Safety Council.

6-13830



TERRY SLIGER, son of L. T. Sliger, Machine Shop, starred on the Northwest Midgets team last winter in Knoxville. The team won nine of the 10 games they played. They were coached by Bob Vandiver. Terry played guard for the Midgets.

Gray-Copeland Lead Hoss Shoes

The Gray-Copeland team in the Horseshoe League dominate the field, as they posted an eight-point win over the Young-Holsopple duet.

ORNL's Case-Miller downed Hutto-Tillery for the full count, after taking five points from Reed-Stephens in a make-up match.

Reed-Stephens posted six at the expense of Wyatt-Hensley . . . and Durham-Bailey bested Wyatt-Hensley by seven; but the Kendig-Raper team took six at the expense of Durham-Bailey.

League standings follow:

Team	W	L
Gray-Copeland, ORNL	15	3
Case-Miller, ORNL	14	4
Reed-Stephens, Y-12	10	8
Durham-Bailey, ORNL	10	8
Kendig-Raper, Y-12	8	10
Hutto-Tillery, ORNL	7	11
Wyatt-Hensley, Y-12	5	13
Young-Holsopple, ORNL	3	15

FACTS OF LIFE

One of the hardest things man has to do is to distinguish between being tired and being just downright lazy.



A PENNY IS THE SMALLEST coin we have in this country . . . and Penny thinks she's a small dog . . . even a lap-dog, says J. M. Schreyer, Chemistry Development. Penny, who actually outweighs her master by several pounds, is seen above in Schreyer's lap. Sans brandy-keg, of course. The St. Bernard has reached maturity, Schreyer says . . . or at least hopes!

3 Teams Vie For Melton Hill League Lead

Three teams sport spotless records thus far as the Melton Hill Golf League puts its second round on ice. The Winstead-Ferguson pair swept six from Carter-Jones, Hamby-Braden did likewise from Johnson-Culberson . . . and Wright-Butler downed Parker-Parrott.

Brown-Gresham beat Morehead-Poly for five . . . as Alvey-Phillips did Butler-Stinnett. Clabough-Nobles wrested four from Bell-Burris.

J. D. Brown carded low in both scratch and handicap counts . . . 41 and 36.

Rogers-Thompson scored an easy forfeit win over Holly-Tilley. League standings follow:

Team	W	L
Winstead-Ferguson	12	0
Hamby-Braden	12	0
Wright-Butler	11	1
Brown-Gresham	11	1
Carter-Jones	9	3
Clabough-Nobles	6	6
Johnson-Culberson	6	6
Rogers-Thompson	6	6
Alvey-Phillips	5	7
Bell-Burris	2	10
Parrott-Parker	2	11
Poly-Morehead	1	11
Butler-Stinnett	1	11
Holly-Tilley	0	12

Hamill-Plemons Lead On Kingston Greens

The Hamill-Plemons pair in the Southwest Point Golf League are one-point leaders by a four-point win over Mee-Wright . . . and Ludwig-East over Argo-Groppe. Posting a like victory was Garber-Huddleston over Goodwin-Tuell.

Bill Mee had a fine 35 scratch score, 33 handicap tally in last week's matches.

League Secretary Joe Pryson expressed thanks to the team captains for promptly turning in score cards.

League standings follow:

Team	W	L
Hamill-Plemons	14	4
Pryson-Ellis	13	5
True-True	10	8
Ludwig-East	10	8
Mee-Wright	9	9
Goodwin-Tuell	6	12
Argo-Groppe	5	13
Garber-Huddleston	5	13

UNLEASHED TROUBLE

Too many parents tie up their dogs and let their kids run loose.



THE CARDINALS ARE ANOTHER big Y-12 entry in the Softball League. In the front row, from left are Spence Ferguson, Geoffrey Newman, Jim Crischler, Manager Loyd Wyatt, Jerry Harris and Earl Nall. In the rear are Jim Lawrence, Jim Batch, Don Stinnett, Ben Trent, Ted Burger and Assistant Manager Charles Holland. Absent when the photo was made was Bob Smith.

Recreation



Saturday, June 22

GOLF TOURNAMENT: 6:30 a.m. Wallace Hills Golf Course, Maryville.

WEINIE FEED: 2 p.m. Clark E. Center Recreation Park. Sponsored by E, F, G, H and J Shifts . . . game time 4 p.m. All Y-12ers welcome. Wear blue badge.

Monday, June 24

GOLF: Melton Hill League, Melton Hill, Clinton.

GOLF: Southwest Point League, Southwest Point, Kingston.

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. Big Shops vs Beta Two; White Sox vs. Cardinals; J-Birds vs. Gashouse Gang.

PHYSICAL FITNESS (women): 7:30 p.m. Girls' Gym, Oak Ridge High School.

Tuesday, June 25

PHYSICAL FITNESS (men): 7:30 p.m. Oak Ridge High School Gym.

PISTOL LEAGUE: 6:15 p.m. Oak Ridge Sportsmen's Association.

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. UCC All Stars vs. Big Shops; Gashouse Gang vs. White Sox; Cardinals vs. Beta Two.

Thursday, June 27

ARCHERY LEAGUE: 5:30 p.m. Oak Ridge Sportsmen's Association.

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. Braves vs. K-25 Colts; J-Birds vs. Bat Boys; Eagles vs. Pirates.

HORSESHOE LEAGUE: 7 p.m. City Courts, Jackson Square.

Harry Hoy Cops Hi Rifle Honors

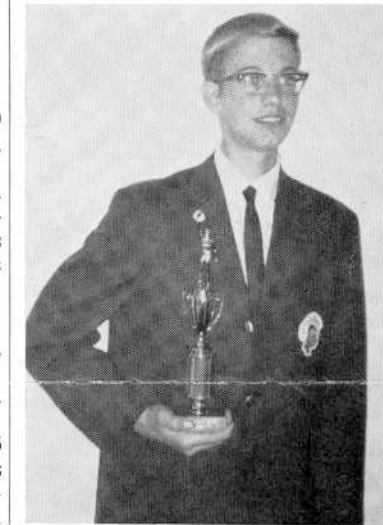
Shooting a 476 of a possible 500, Y-12er Harry Hoy took first place in the third match of the All Carbine High-Power Rifle League. Jack Huff, also of Y-12, fired a close second with an excellent 473. George Reimann, ORNL, fired third with a 469.

Other scores were:

Firer	Score
L. Abbatiello, Y-12	464
R. Sears, ORNL	454
E. Scott, Y-12	449
J. Mrochek, ORNL	444
A. Abbatiello, ORNL	436
B. Seales, Y-12	436
J. Miller, ORNL	426
C. Brewster, Y-12	425
H. Bertini, ORNL	388
J. Conlin, Y-12	349

The next match is scheduled for July 6.

Park Junior High Honors To Randy



Randy Hudson

Randy Hudson, seen above holding the Athletic Scholarship Award Trophy, was named the athlete with the highest scholastic average over a three year period at Park Junior High School.

Randy, the son of Mr. and Mrs. C. R. Hudson, 2717 Woodbine Avenue, Knoxville, received six "certificates of merit" for outstanding work. They were for science, student council, newspaper staff, bulletin staff, perfect attendance, and for having the highest average of all boys in Park Junior for the three year period (3.5 average). He is also the number one trumpet player in the school band.

Randy was appointed toastmaster at the ninth grade banquet held recently at the S&W Cafeteria.

The lad's proud father is in Y-12's Special Production Estimating.

Shift-Men Stage Weiner-Roast Saturday

The Clark E. Center Park will be the scene of E, F, G, H and J Shift's big weiner roast Saturday, June 22.

Eating time is 2 p.m. . . . game time 4.

The price . . . nothing, just bring your own soft drinks . . . and somebody please wear a Y-12 badge to show that you are an employee.

The shifters are inviting all Y-12ers and their families . . . there are games for kids and the adults also . . . with assorted prizes for the grownups and camp

Braves, Colts Are Softball Leaders

Y-12 Pirates began last week's Softball action with a 16 to 9 win over the K-25 Gashouse Gang. Mack Wright and Charley Crume put homers on ice for the winning team. For the losers it was Charles Hensley, John Olsen and Wayne Langenberg.

The Pirates salted the game away in inning number one with eight runs across the plate.

Monday's second action came as the Eagles downed the Cardinals 13 to 9. Loyd Wyatt homered for the losers Hugh Richards, Don Ferree and Jim Thompson for the winners.

The K-25 Colts kept their tie race with the Eagles up by blasting the Bat Boys 28 to 1.

Sam Woodfin homered twice, Sam Duncan, John Keith and Bart Simcox all had single four-baggers.

Doug Roberts clipped a long homer for the losing squad.

Tuesday's games opened with the Colts taking another win . . . this time from the Y-12 Eagles. Sam Duncan came through with two homers, Wes Peters one . . . for the winning team.

Frank Koon clipped a long triple for the losers.

The UCC All Stars took a close victory from the Cardinals 12 to 10. Bob Waters poled a triple for the winners . . . Ted Burger did likewise for the losers.

The Gashouse Gang won by forfeit from the Beta Two team.

Thursday's play opened with the Bat Boys belting the White Sox 7 to 4. Doug Roberts was big stick with the winning Boys, clearing the fence with two homers.

And, finally, the big Braves bested the Big Shops 15 to 8.

Ted Hatcher and Rick Hull were the big heroes, each getting a homer apiece for the top-seated Braves.

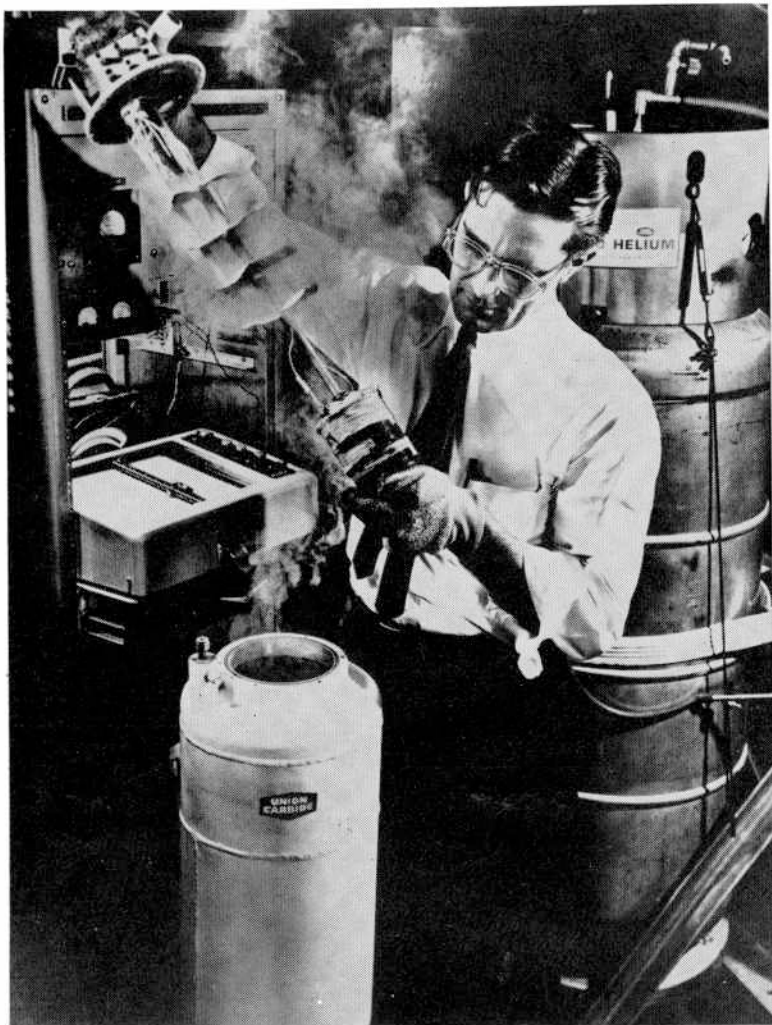
League standings follow:

TEAM	W	L
Y-12 Braves	7	0
K-25 Colts	7	0
Eagles, Y-12	5	1
Pirates, Y-12	5	1
UCC All Stars, Y-12	4	3
K-25 Gashouse Gang	3	3
Big Shops, Y-12	3	4
J-Birds, K-25	2	4
Cardinals, Y-12	2	5
Bat Boys, Y-12	2	6
Beta Two, Y-12	0	7
White Sox, Y-12	0	7

LUNCH BREAK

By the time you reach that stage in life where you can take two hours for lunch, the doctor limits you to only a glass of milk!

cook kits and compasses for the kids.



BABY, IT'S COLD INSIDE. Researcher for Union Carbide, pioneers in cryogenics, the science of super-cold, is studying the phenomenon of superconductivity of electricity at the temperature of liquid helium, minus 450 degrees. He holds a laboratory cryomagnet, which he has taken from the bucket (called a dewar) of liquid helium in front of him. Current is being passed through the cryomagnet via superconducting wires. Cryogenics will be explained in "Industries of the Future," an episode of "The 21st Century," Sunday, June 23, at 6 p.m. over WBIR-TV, Channel 10.

'Industries Of Future' Will Provide Professions For 21st Century Employees

Children being born today will be involved in occupations and professions that do not even exist today, futurists are saying.

The needs of twenty-first century man, coupled with technologies now being developed, may lead to a second industrial revolution. "The 21st Century" episode "Industries of the Future," will be telecast in color Sunday, June 23, at 6 p.m., EDT, on the CBS Television Network. Walter Cronkite is principal reporter for the series, which is sponsored in the public interest by Union Carbide Corporation. The program is carried locally by WBIR-TV, Channel 10.

Cryogenics, the science of super-cold is one of the new technologies which have been pioneered by Union Carbide. One application of super-cold is to increase the efficiency of electrical conductors such as copper wire, so that the current from a wall plug

League Of Women Voters To Have Coffee

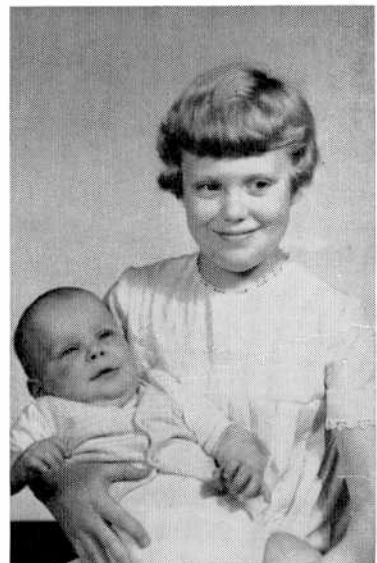
The League of Women Voters is sponsoring a coffee next Thursday, June 27, at 10 a.m. at the home of Mrs. Murray Rosenthal, 124 Carnegie Drive, Oak Ridge. Five Oak Ridge women who attended a Community Development Workshop in Venezuela will show pictures of their trip. Their 17-day visit grew out of the League and Partners of the Alliance program which brought Venezuelan women to Tennessee last summer.

The League of Women Voters extends the invitation not only to League members, but to all women summer visitors to Oak Ridge and nearby communities.

might run a giant electromagnet.

Also to be reported on "Industries" is micro-electronics, a spin-off from the space age. This can so reduce the size of electronic appliances that an attache case of the usual size might contain a television set, a computer terminal and a picture phone. This miniaturization has been developed in the space age because of the need to reduce the weight of everything that rockets must carry out of the earth's gravitational field.

"Industries of the Future," . . . WBIR-TV, Channel 10, Sunday at 6 p.m.



KAREN ELAINE COOK holds her little brother Timothy Reese Cook, born February 9. They are the children of E. W. Cook, Microreproduction and Engineering Services. The Cooks live at Crossville. Karen is eight.



The longest day of the year approaches, as more Y-12ers observe short years with Union Carbide Corporation. Congratulations.

25 YEARS

Donald B. Woodbridge, Superintendents Division, June 21.

Robert D. Ellington, Assembly Operations, June 23.

Nancy A. Garrison, Data Systems Development, June 25.

20 YEARS

Ralph E. Graham, M-Wing Shop, June 21.

Garland P. McGhee, Beta Two Shop, June 22.

Robert L. Hazlett, ORNL Chemical Services, June 25.

15 YEARS

Charles Carson, Metallurgical Development, June 22.

Charles D. Cowan, Process Maintenance, June 22.

Fufus T. Hill, Jr., Process Maintenance, June 22.

George T. Wellborn, Process Maintenance, June 22.

Victor R. Hubbard, Area Five Maintenance, June 23.

James W. Jenkins Jr., Buildings, Grounds and Maintenance Shops, June 23.

Roscoe C. Rowan Jr., Mechanical Inspection, June 23.

10 YEARS

Hugh C. Beeson, Mechanical Design Engineering, June 23.

The experts on nothing have opinions on everything.

Promotions . . .

Continued from Page 1
Lane, Oak Ridge.

A veteran of both the Army and Navy, McGregor served in the Navy from 1944 until 1946 and in the Army from 1947 until 1950. He worked with Eddie and Clyde Construction, Caryville, before entering service, and has worked with Maxon Construction Company and the Atomic Energy Commission. He came here March 18, 1954.

Mrs. McGregor is the former Marjorie Hackathorne. The McGregors enjoy camping and fishing. They have one son Steve, in school at Willowbrook.

ROBERT J. RATLEDGE

Robert J. Ratledge, a native of Niota, lives at Route 5, Harriman.

He served in the U.S. Navy from 1941 until 1946 . . . then went with the Vestal Manufacturing Company, Sweetwater, and worked until 1949 when he went with the Bower Roller Bearing Company, Detroit. He came to Y-12 March 10, 1954 after working with the Wheland Ordnance Division, Chattanooga.

Ratledge says he is a 'Sunday golfer.'

JACK L. WILLIAMS

Jack L. Williams, a native of Luttrell, lives at Route 18, Crosslane Road, Knoxville.

He served in the U. S. Army from 1944 until 1946 and worked with Knoxville Porcelain before coming here February 4, 1954.

The Williamses live on a nine-acre baby farm in Knox County where they enjoy raising saddle horses. Mrs. Williams was the former Helen Whaley. Three children are at home, Vickie, Linda and Ronnie.

Williams likes to fish occasionally.

The remaining portion of July 1's promotions will be reported next week.

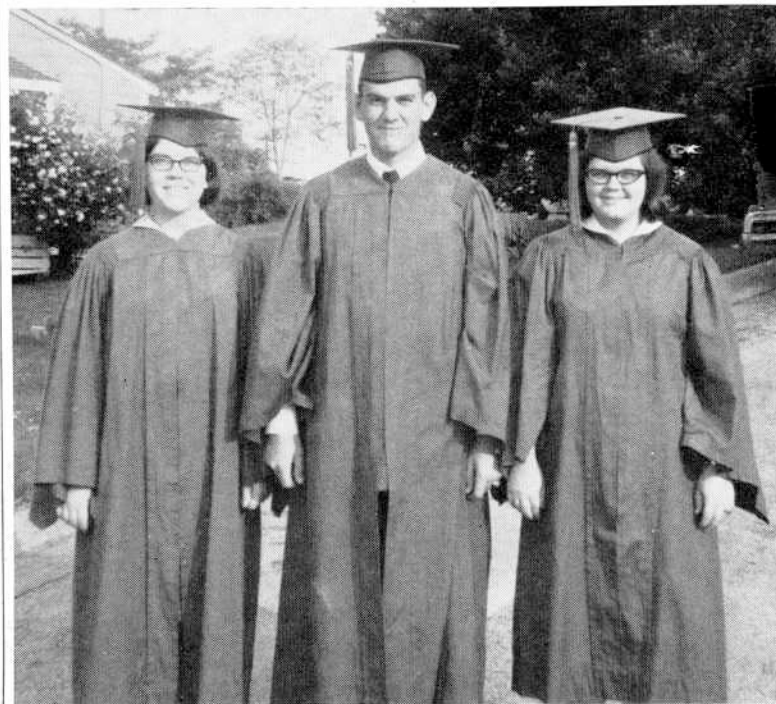
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LAURA, LARRY AND LINDA MOORE, all children of Ogle Moore, Guard Department, graduated simultaneously from Oliver Springs High School, May 30.

Oliver Springs Graduates 3 Y-12er's Off-Springs In Memorial Day Rites

Graduation at Oliver Springs High School, May 30, was more than Memorial Day to the Ogle Moore family. It meant graduation for the three Moore children . . . all at the same time!

There were three of them . . . Laura, Larry and Linda . . . and

they're not triplets either. An odd series of circumstances dictated the triple graduation. Laura, 17, was normally set to complete high school this year . . . Larry, 18, dropped a couple of credits last year to be eligible to play football, hence his leaving high school was delayed a year . . . and lastly Linda, 20, returned to complete high school after dropping out a couple of years ago.

The beaming papa is in Y-12's Guard Department.

Plans for the future? . . . Larry, who is looking for summer work, is six, two, weighs two hundred and ten pounds, hopes to attend college this fall. Laura, active in the chorus at school, is staying at home, and Linda is employed presently at Walgreen's, Oak Ridge.

Larry won a station championship in 1965 singing bass in Nashville at an all-state singing meet.

Joint Seminar Set Thursday, June 20

A joint Physics and Thermonuclear Division seminar will be held tomorrow. It will be led by F. D. Drake, director, Arecibo Ionospheric Observatory, Arecibo, Puerto Rico. His subject will be "Pulsars."

The seminar is set for Thursday, June 20, at 3:15 p.m. in the Central Auditorium of ORNL's 4500 building.

'Contingency Tables' Is Topic For Monday

The Statistics and Probability lecture series continue for interested parties.

Next Monday, June 24, features Marvin A. Kastenbaum, speaking on "Contingency Tables."

The lecture is set for 9 a.m. in the Central Auditorium, ORNL's 4500 building.

Coggins Son Is MTSC Honor Student



Allen Coggins

Allen Coggins, son of W. L. Coggins, Salvage, recently completed a very successful year at Middle Tennessee State College at Murfreesboro. He made five A's there in the last quarter of his junior year, where he is studying Biology.

Allen is working this summer in Media, Pennsylvania at the John Tyler Arboretum with Dr. Robert McDonald, former director of the U. T. Arboretum here.

The Coggins home is on Utah Avenue, Oak Ridge.